

**Notice of Allowability**

Application No.

10/815,766

Examiner

Timothy L. Rude

Applicant(s)

AHN, BYUNG CHUL

Art Unit

2871

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 12 December 2006.
2. ☒ The allowed claim(s) is/are 1-4, 6-19 and 21-26.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

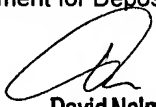
\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
David Nelms  
Supervisory Patent Examiner  
Technology Center 2800

tlr

## **DETAILED ACTION**

### ***Claims***

Claims 1-3, 6, 8, 11, 14, 17, 18, 21, and 23 are amended. Claims 5 and 20 are canceled by Applicant.

### ***Allowable Subject Matter***

Claims 1-4, 6-19, and 21-26 are allowed.

The following is an examiner's statement of reasons for allowance:

As to independent claims 1 and 6, relevant prior art of record did not disclose, alone or in combination, the liquid crystal display of horizontal electric field applying type as claimed comprising a plurality of signal supplying lines for supplying a driving signal to the driving integrated circuit and a connector to which a conductive film for supplying a driving signal to the signal supplying line is attached.

The closest prior art is applicant's admitted prior art (AAPA) in view of Muramatsu, USPAT 6,151,091. However, no prior art with proper motivation to combine was found to teach the above limitations.

As to claims 2-4 and 7-16, they are directly or indirectly dependent upon claim 6 with allowable subject matter above.

As to independent claims 17 and 21, relevant prior art of record did not disclose, alone or in combination, the method of making a liquid crystal display of horizontal electric field applying type as claimed comprising forming a plurality of signal supplying lines for supplying a driving signal to the driving integrated circuit and attaching a connector to the signal supplying lines with a conductive film to supply a driving signal to the signal supplying lines.

The closest prior art is applicant's admitted prior art (AAPA) in view of Muramatsu, USPAT 6,151,091. However, no prior art with proper motivation to combine was found to teach the above limitations.

As to claims 18-19 and 22-26, they are directly or indirectly dependent upon claim 21 with allowable subject matter above.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Timothy L. Rude whose telephone number is (571) 272-2301. The examiner can normally be reached on Mon-Thurs.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David C. Nelms can be reached on (571) 272-1787. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



tlr

Timothy L Rude  
Examiner  
Art Unit 2871



David Nelms  
Supervisory Patent Examiner  
Technology Center 2800